PCT10

RAW SEQUENCE LISTING   DATE: 03/07/2002
PATENT APPLICATION: US/10/069,434   TIME: 15:26:10

Input Set : A:\ippi0137usn.app.txt
Output Set: N:\CRF3\03072002\J069434.raw

```
 1 <110> APPLICANT: INCYTE GENOMICS, INC.
 2        THORNTON, Michael
 3        RAMKUMAR, Jayalaxmi
 4        TRIBOULEY, Catherine M.
 5        YUE, Henry
 6        NGUYEN, Danniel B.
 7        YAO, Monique G.
 8        PATTERSON, Chandra
 9        GANDHI, Ameena R.
10        BURFORD, Neil
11        THANGAVELU, Kavitha
12        BAUGHN Mariah R.
14 <120> TITLE OF INVENTION: HUMAN LYASES
16 <130> FILE REFERENCE: PI-0137 PCT
C--> 18 <140> CURRENT APPLICATION NUMBER: US/10/069,434
C--> 19 <141> CURRENT FILING DATE: 2002-02-20
21 <150> PRIOR APPLICATION NUMBER: 60/213,383; 60/215,544; 60/222,818
W--> 22 <151> PRIOR FILING DATE: 2000-06-23; 2000-06-30; 2000-08-04
24 <160> NUMBER OF SEQ ID NOS: 6
25 <170> SOFTWARE: PERL Program
```

list separately

ERRORED SEQUENCES

```
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 242
29 <212> TYPE: PRT
30 <213> ORGANISM: Homo sapiens
32 <220> FEATURE:
33 <221> NAME/KEY: misc_feature
34 <223> OTHER INFORMATION: Incyte ID No: 6338333CD1
36 <400> SEQUENCE: 1
37 Met Ser Arg Leu Ser Trp Gly Tyr Arg Glu His Asn Gly Pro Ile
38   1               5                  10                  15
39 His Trp Lys Glu Phe Phe Pro Ile Ala Asp Gly Asp Gln Gln Ser
40                  20                  25                  30
41 Pro Ile Glu Ile Lys Thr Lys Glu Val Lys Tyr Asp Ser Ser Leu
42                  35                  40                  45
43 Arg Pro Leu Ser Ile Lys Tyr Asp Pro Ser Ser Ala Lys Ile Ile
44                  50                  55                  60
45 Ser Asn Ser Gly His Ser Phe Asn Val Asp Phe Asp Asp Thr Glu
46                  65                  70                  75
47 Asn Lys Ser Val Leu Arg Gly Gly Pro Leu Thr Gly Ser Tyr Arg
```

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```
48                 80              85                  90
49 Leu Arg Gln Val His Leu His Trp Gly Ser Ala Asp Asp His Gly
50                 95              100                 105
51 Ser Glu His Ile Val Asp Gly Val Ser Tyr Ala Ala Glu Leu His
52                 110             115                 120
53 Val Val His Trp Asn Ser Asp Lys Tyr Pro Ser Phe Val Glu Ala
54                 125             130                 135
55 Ala His Glu Pro Asp Gly Leu Ala Val Leu Gly Val Phe Leu Gln
56                 140             145                 150
57 Ile Gly Glu Pro Asn Ser Gln Leu Gln Lys Ile Thr Asp Thr Leu
E--> 58            155             160      165   165
59 Asp Ser Ile Lys Glu Lys Gly Lys Gln Thr Arg Phe Thr Asn Phe
60                 170             175                 180
61 Asp Leu Leu Ser Leu Leu Pro Pro Ser Trp Asp Tyr Trp Thr Tyr
62                 185             190                 195
63 Pro Gly Ser Leu Thr Val Pro Pro Leu Leu Glu Ser Val Thr Trp
64                 200             205                 210
65 Ile Val Leu Lys Gln Pro Ile Asn Ile Ser Ser Gln Gln Leu Ala
66                 215             220                 225
67 Lys Phe Arg Ser Leu Leu Cys Thr Ala Glu Gly Glu Ala Ala Ala
68                 230             235                 240
69 Phe Leu
```

VERIFICATION SUMMARY   DATE: 03/07/2002
PATENT APPLICATION: US/10/069,434   TIME: 15:26:11

Input Set : A:\ippi0137usn.app.txt
Output Set: N:\CRF3\03072002\J069434.raw

L:18 M:270 C: Current Application Number differs, Replaced Current Application Number
L:19 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:22 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:58 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:1